

July 1, 1999

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

ASSOCIATE ENGINEER - ELECTRICAL

DEFINITION:

Under direction, to plan and supervise field and office work in connection with the design, review, and inspection of electrical systems in streets, utility installations, buildings, and other structures; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Assigns work, gives instructions, and approves engineering standards, specifications, and designs for the generation, transmission and use of electricity;
- Supervises field inspection to check on compliance with electrical and safety regulations;
- Writes electrical specifications and contract documents;
- Makes field inspections of electrical work requiring the knowledge and responsibility of an electrical engineer;
- Confers with the department and division heads, contractors, and other agencies concerning interpretations of electrical ordinances;
- Conducts studies and prepares revisions and amendments to the electrical code;
- Prepares reports and releases relating to the electrical code for distribution to architects, building contractors, and other interested parties;
- Supervises the administration of the electrical code.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

College graduation with a Bachelor's degree in Electrical Engineering, **OR** certification as an Engineer-in-Training, **OR** registration as a professional Electrical Engineer with a State Licensing Board; **AND** three years of professional electrical engineering experience. A Master's degree in Electrical Engineering may be substituted for one year of the required experience. Possession of a valid California Class C Driver's License.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.